# Exhibit 12 Part 19

Part 10 of Attachment L to the Allocation Recommendation Report (ARR2846-ARR2872)

United States' Motion to Enter Consent Decree, United States v. Alden Leeds, Inc. et al., Civil Action No. 22-7326 (D.N.J.) Case 2:22-cv-07326-MCA-LDW Document 289-18 Filed 01/31/24 Page 2 of 28 PageID: 7679

Allocation Facility Cmass Calculation

Teval/Guyon 900 and 1000 4th Street 07029 Harrison NJ

Constituent Of Concern (COC)	Overland, Fate & Transport	Dmass Overland, Fate &	PrePVSC C%	Dmass PrePVSC	PVSC C%	Dmass PVSC	Direct Discharge C%	Dmass Direct Discharge	COC Total Pathway Cmass	COC A%	COC Historic CMass
	C%	Transport					C/G		Ciliass		
Copper	100.00%	170.86	100.00%	-	0.00%	1,399.39	100.00%	-	170.86	1.018817E-2	1.74
Lead	100.00%	1,467.3	100.00%	-	0.00%	19,900.57	100.00%	-	1,467.3	1.018817E-2	14.95
Mercury	100.00%	4.03	100.00%	-	0.00%	0.04	100.00%	-	4.03	1.018817E-2	0.04
HPAHs	100.00%	-	100.00%	-	0.00%	0.08	100.00%	1.2	1.21	1.018817E-2	0.01
LPAHs	100.00%	-	100.00%	-	0.00%	0.10	100.00%	0.8	0.81	1.018817E-2	0.01
PCBs	100.00%	19.77	100.00%	-	0.00%	-	100.00%	-	19.77	1.018817E-2	0.2
DDx	100.00%	-	100.00%	-	0.00%	-	100.00%	-	0	1.018817E-2	0
Dieldrin	100.00%	-	100.00%	-	0.00%	-	100.00%	-	0	1.018817E-2	0
Dioxins_Furans	100.00%	-	100.00%	-	0.00%	-	100.00%	-	0	1.018817E-2	0

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Allocation Facility COC Base Scores - Protocol Calculation

Teval/Guyon 900 and 1000 4th Street 07029 Harrison NJ

Constituent Of Concern (COC)	Relative Risk Number (RRN)	Total Mass (Tmass)	COC Historic CMass	COC Relative Contribution	COC Base Score
Copper	0.69	2,100,000.00	1.74	8.289E-7	5.720E-7
Lead	0.01	3,200,000.00	14.95	4.672E-6	4.672E-8
Mercury	0.95	42,000.00	0.04	9.776E-7	9.287E-7
HPAHs	0.05	240,000.00	0.01	5.147E-8	2.573E-9
LPAHs	0.01	170,000.00	0.01	4.844E-8	4.844E-10
PCBs	12.87	26,000.00	0.2	7.747E-6	9.970E-5
DDx	1.37	27,000.00	0	0	0
Dieldrin	0.13	390.00	0	0	0
Dioxins_Furans	83.92	38.00	0	0	0

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Allocation Facility COC Base Scores - Alternative Calulcation

Teval/Guyon 900 and 1000 4th Street 07029 Harrison NJ

Constituent Of Concern (COC)	Relative Risk Number (RRN)	Total Mass (Tmass)	Total Cmass (TCmass)	Total OS COC ACmass	COC %	COC Historic CMass	Facility OS COC Cmass	COC Relative Responsibility	COC Base Score
Copper	0.69	2,100,000.00	276,960.25	2,097,178.28	6.169E-4	1.74	1,293.77	6.169E-4	4.257E-4
Lead	0.01	3,200,000.00	288,577.67	3,197,059.92	5.085E-3	14.95	16,255.75	5.085E-3	5.085E-5
Mercury	0.95	42,000.00	4,322.53	41,955.96	9.323E-4	0.04	39.12	9.323E-4	8.857E-4
HPAHs	0.05	240,000.00	4,346,388.50	195,718.24	2.789E-7	0.01	0.05	2.789E-7	1.395E-8
LPAHs	0.01	170,000.00	3,012,835.14	139,304.72	2.683E-7	0.01	0.04	2.683E-7	2.683E-9
PCBs	12.87	26,000.00	20,066.54	25,795.56	9.852E-4	0.2	25.41	9.852E-4	1.268E-2
DDx	1.37	27,000.00	2,516.93	26,974.36	0	0	0	0	0
Dieldrin	0.13	390.00	1.27	389.99	0	0	0	0	0
Dioxins_Furans	83.92	38.00	3,729.82	0.00	0	0	0	0	0

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)

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Facility Bypass Information

Teval/Guyon 900 and 1000 4th Street Harrison NJ 07029

Item	Bypass Name	Bypass Type	Time %	Flow %	Bypass Notes
1	Newark Bay	Bypass	0.00%	0.00%	Did not discharge waste into the Passaic river

		,
Discharge Calcs	POTW Discharge Information	COMMENTS/NOTES
	gal discharged per day/week/month	Cutting, Welding and Shaping of Piping
	# hours/per day discharged	Office Space
	#days/week discharged	No other information provided
	#weeks/yr discharged	Estimating based on Revere Smelting Operations
2,600,000	calc gal/yr discharge	
	Yr Ops started	
	Yr Ops ceased	
45	calc #yrs facility operated	
Copper (Cu)		
	#yrs facility discharged	Based on Revere Smelting at 20% due to operational differences
	calc mg/L COC discharged	
	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
	calc kg COC discharged	
Lead (Pb)	n	
	#yrs facility discharged	Based on Revere Smelting at 20% due to operational differences
	calc mg/L COC discharged	
	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
	calc kg COC discharged	
Mercury (Hg)	W 7 W 11 1	
0.000098	#yrs facility discharged	Based on Revere Smelting at 20% due to operational differences
	calc mg/L COC discharged	
	L per gallon (Merck Index)	
	kg per mg (Merck Index) calc kg COC discharged	
	care ng core distributed	<del> </del>
HPAHs 45	there facility discharged	Parad on Payara Smalting at 20% due to engrational differences
45	#yrs facility discharged	Based on Revere Smelting at 20% due to operational differences
100/	calc mg/L O&G % O&G that is considered PAHs	
60%		
0.0009	% COC in O&G considered as PAHs calc mg/L HPAHs	
0.0009		
0.757		
	calc kg COC discharged	
LPAHs	core ng coo discribinged	
	#yrs facility discharged	Based on Revere Smelting at 20% due to operational differences
45	calc mg/L O&G	baseu on nevere sinering at 20% due to operational universities
10%		
	% COC in O&G considered as PAHs	
	calc mg/L LPAHs	
0.757	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index)	
	calc kg COC discharged	
PCBs 0.10	cale kg coe discharged	
	#yrs facility discharged within PCBs Timeline	
	calc mg/L COC discharged	
3 785	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
DDx	Calc kg COC discharged	
	#yrs facility discharged within DDx Timeline	
-	calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index)	
-	calc kg COC discharged	
Dieldrin	care ng coo disenarged	
	#yrs facility discharged within Dieldrin Timeline	
-	calc mg/L COC discharged	
3.785		
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Dioxins/Furans	<u></u>	
	#yrs facility discharged	
-	calc mg/L COC discharged	
	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Dioxin/Furan Precursor - 2,4-D		
	#yrs facility discharged within 2,4-D Timeline	
-	calc mg/L COC discharged	
	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Dioxin/Furan Precursor - 2,4,5-T	-	
	#yrs facility discharged within 2,4,5-T Timeline	
-	calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Dioxin/Furan Precursor - 2,4,6-TCP	-	
	#yrs facility discharged within 2,4,6-TCP Timeline	
-	calc mg/L COC discharged	
	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
		<u>                                       </u>
Summary DMassCOC for POTW:		
1,399.39	kg Copper	
1,399.39	kg Copper kg Lead	
1,399.39 19,900.57	kg Copper kg Lead kg Mercury	
1,399.39 19,900.57 0.04 0.08	kg Lead kg Mercury kg HPAHs	
1,399.39 19,900.57 0.04 0.08	kg Lead kg Mercury	
1,399.39 19,900.57 0.04 0.08	kg Lead kg Mercury kg HPAHs	
1,399.39 19,900.57 0.04 0.08 0.10	kg Lead kg Mercury kg HPAHs kg LPAHs	
1,399.39 19,900.57 0.04 0.08 0.10	kg Lead kg Mercury kg HPAHS kg LPAHS kg PCBS	
1,399.39 19,900.57 0.04 0.08 0.10	kg Lead kg Mercury kg HPAHS kg LPAHS kg LPAHS kg PCBS kg DDX	

Teval DMass formatted for report 1 ARR2850 POTW\_PVSC

Discharge Calcs	Direct Discharge Information	COMMENTS/NOTES
	# hours/day discharged	
	# days/week discharged	Stormwater Discharge direct to Passaic River from 1969-1971 PAS00076889
22 620 022	# weeks/yr discharged # gals/yr directly discharged	Oily Discharge
22,020,973	n Baray ye un ectify discribinged	
4.08	ft; 30yr average annual precipitation per Rutgers information	
	acres	
43,560	ft2 per acre	
	acres	
50%	Percent Precip to River	
1969	Yr Ops started	
	Yr Ops ceased	
2	calc #yrs facility operated	
Copper (Cu)	n or forder dealers of	
	#yrs facility discharged calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Lead (Pb)		
2	#yrs facility discharged	
2.705	calc mg/L COC discharged L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Mercury (Hg)		
2	#yrs facility discharged	
-	calc mg/L COC discharged	
	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index)	
- HPAHs	calc kg COC discharged	
	#yrs facility discharged	
	calc mg/L O&G	
10%	% O&G that is considered PAHs	
60%	% PAHs considered as HPAHs	
0.0071	calc mg/L HPAHs	
	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
LPAHs 1.21	calc kg COC discharged	
	#yrs facility discharged	
	calc mg/L O&G	
	% O&G that is considered PAHs	
	% PAHs considered as LPAHs	
	calc mg/L LPAHs	
	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index) calc kg COC discharged	
PCBs U.61	talc kg coc discharged	
	#yrs facility discharged within PCBs Timeline	
	calc mg/L COC discharged	
	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index)	
-	calc kg COC discharged	
DDx	no feels declared also pp. Toolse	
	#yrs facility discharged within DDx Timeline calc mg/L COC discharged	
3 785	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Dieldrin		
	#yrs facility discharged within Dieldrin Timeline	
-	calc mg/L COC discharged	
	L per gallon (Merck Index) kg per mg (Merck Index)	
	kg per mg (Merck Index) calc kg COC discharged	
- Dioxins/Furans	Some of the control o	
	#yrs facility discharged	
-	calc mg/L COC discharged	
	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index)	
Diovin/Euran Brocures - 3.4 D	calc kg COC discharged	
Dioxin/Furan Precursor - 2,4-D	#yrs facility discharged within 2,4-D Timeline	
- 3	calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Dioxin/Furan Precursor - 2,4,5-T	n . 6 . 9 . 4 . 4	
3	#yrs facility discharged within 2,4,5-T Timeline	
	calc mg/L COC discharged L per gallon (Merck Index)	
	kg per mg (Merck Index)	
	calc kg COC discharged	
Dioxin/Furan Precursor - 2,4,6-TCP		
3	#yrs facility discharged within 2,4,6-TCP Timeline	
-	calc mg/L COC discharged	
	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Summary DMassCOC for Direct Discharge:		
-	kg Copper	
-	kg Lead	
-	kg Mercury	
1.21	kg HPAHs	
	kg LPAHs	
-	kg PCBs	
	la DDv	
-	kg DDx	
	kg DDx kg Dieldrin kg Dioxins/Furans	

Teval DMass formatted for report 3 ARR2851 Direct\_SW\_Passa

COMMENTS/NOTES

Data from Rutgers University.

**Direct Discharge Information** ASSUMPTIONS, REFERENCES **Discharge Calcs** 4.08 FEET/YEAR AVERAGE PRECIPITATION Long term average annual precipitation includes floods and hurricane events occurring over time. FDR p 1 35.651 ACRES - TOTAL SITE AREA (acres) 8.91 ACRES - AFFECTED AREA Looks to be around 75% buildings in 1977 aerial photos here https://njdep.maps.arcgis.com/apps/webappviewer/index.html 4,046.86 METERS<sup>2</sup>/ACRE 36,069 METERS<sup>2</sup> (AFFECTED AREA) 0.0001 METERS/YEAR (ERODED SOIL THICKNESS) For this estimate, used a surface soil erosion rate of 0.1 mm/year, or 0.004 inches/year. VOLUME/YEAR DISCHARGED TO DITCHES 4 METERS<sup>3</sup>/YEAR (ERODED SOIL VOLUME) 1947 Year Teval operations began FDR p 1 2006 Year Teval sold the property Teval operations ceased in 1992 (FDR p 1) 59 NUMBER YEARS DISCHARGE 213 METERS<sup>3</sup> (TOTAL SOIL VOLUME DISCHARGED OVER TIME) 1,859 KG/M<sup>3</sup> SOIL DENSITY Reported as historic fill on site, so use soil composition as other historic fill sites. Bulk density range 1346 KG/M<sup>3</sup> to 2371 KG/M<sup>3</sup>, so use average. (http://structx.com/Soil\_Properties\_002.html) 395,498 KILOGRAMS (TOTAL SOIL DISCHARGED OVER TIME) This site is located on regional historic fill (FDR p 163) Copper (Cu) Copper used to make pipes on site (FDR p 3) 59 YEARS DISCHARGED 432 MG/KG (MAX CONCENTRATION) Max concentration at sample S-202 (depth unknown) (PAS-00000980) 0.000001 kg per mg (Merck Index) 171 KILOGRAMS DISCHARGED Lead (Pb) Lead paint, primer, and primer paint stored on site (FDR p 6) 59 YEARS DISCHARGED 3710 MG/KG (MAX CONCENTRATION) Max concentration at sample S-202 (depth unknown) (PAS-00000980) 0.000001 kg per mg (Merck Index) 1,467 KILOGRAMS DISCHARGED Mercury (Hg) Mercury released and detected in soil (FDR 8) 59 YEARS DISCHARGED 10.2 MG/KG (MAX CONCENTRATION) Max concentration at sample S-203 (depth unknown) (PAS-00000981) 0.000001 kg per mg (Merck Index) 4 KILOGRAMS DISCHARGED PAHs (listed in Benzo(a)pyrene Equivalent conversion table) 59 YEARS DISCHARGED **0.0** MG/KG (TOTAL PAH AVERAGE CONCENTRATION) No soil data available for PAHs 0.000001 kg per mg (Merck Index) KILOGRAMS DISCHARGED PAHs (others detected) 59 YEARS DISCHARGED 0.000001 kg per mg (Merck Index) KILOGRAMS DISCHARGED

Contaminant	Concentration (mg/kg)	Toxic Equivalency	Benzo(a)pyrene Equivalents
Benzo(a)pyrene	0.00	1.0	0.0000
Benzo(a)anthracene	0.00	0.1	0.0000
Benzo(b)fluoranthene	0.00	0.1	0.0000
Benzo(k)fluoranthene	0.00	0.01	0.0000
Chrysene	0.00	0.001	0.0000
Dibenz(a,h)anthracene	0.00	1.0	0.0000
Indeno(1,2,3-cd)pyrene	0.00	0.1	0.0000

DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg

Total Benzo(a)pyrene Equivalents =

0.0

PCBs

59 YEARS DISCHARGED

50 MG/KG

0.000001 kg per mg (Merck Index)

20 KILOGRAMS DISCHARGED

DDx

59 YEARS DISCHARGED within DDx Timeline MG/KG (MAX CONCENTRATION)

3.785 L per gallon (Merck Index)

0.000001 kg per mg (Merck Index)

0 KILOGRAMS DISCHARGED

Dieldrin

59 YEARS DISCHARGED within Dieldrin Timeline MG/KG (MAX CONCENTRATION)

3.785 L per gallon (Merck Index)

0.000001 kg per mg (Merck Index)

0 KILOGRAMS DISCHARGED

Dioxins/Furans

NONE FOUND IN AVAILABLE DOCUMENTATION
59 YEARS DISCHARGED

MG/KG (MAX CONCENTRATION)

0.000001 kg per mg (Merck Index)

0 calc kg COC discharged

# SUMMARY CMASS ESTIMATES:

170.86 kg Copper

1,467.30 kg Lead

4.03 kg Mercury

0.00 kg PAHs (Benzo(a)pyrene Equivalent)

0.00 kg PAHs (Other)

19.77 kg PCBs

0.00 kg DDx 0.00 kg Dieldrin

0.00 kg Dioxins/Furans

1661.96 MASS (KG) DISCHARGED FROM SURFACE SOIL

PCB transformers on site (FDR p 8)

No data tables or posting figures available (PAP-00190169) but the RI found PCBs at concentrations exceeding the 50 mg/kg standard in several samples (800 fill samples and 400 deeper soil samples) (PAP-00190180-181)

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)
Facility Base Scores, Culpability Factor, Cooperation Factor and Adjusted Base Scores

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)
Facility Base Scores, Culpability Factor, Cooperation Factor and Adjusted Base Scores

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)
Facility Base Scores, Culpability Factor, Cooperation Factor and Adjusted Base Scores

## Teval/Guyon

900 and 100	00 4th	Street	Harrison	NJ	07029				
Facility BS	CUF	CUF_Catego	ry		C	UF_NOTES	COF	COF_NOTES	Facility Adjusted BS
1.013E-4	0.0%	Historically Compliant or	be Pe	e scooped up and put i	in a dumpster and t 90195). There were	nd just north of Building G-16. Periodically, it would nen trucked offsite to a disposal facility in several areas with stained soil. No information on terial.	0.070	0% Cooperation with conduct of allocation and requests for related information	1.013E-4
								AP_ABS	1.013E-4

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)

Facility Base Scores, Culpability Factor, Cooperation Factor and Adjusted Base Scores Allocation Calculation

## Teval/Guyon

900 and 100	00 4th	Street	Harrison	NJ	07029				
Facility BS	CUF	CUF_Catego	ry		C	UF_NOTES	COF	COF_NOTES	Facillty Adjusted BS
1.404E-2	0.0%	Historically Compliant or	be Pe	scooped up and put i	in a dumpster and t 90195). There were	nd just north of Building G-16. Periodically, it would nen trucked offsite to a disposal facility in several areas with stained soil. No information on terial.	0.0%	0% Cooperation with conduct of allocation and requests for related information	1.404E-2
								AP_ABS	1.404E-2

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Allocation Facility Cmass Calculation

**Textron Inc. 681 Main Street** Belleville NJ 07109

Constituent Of Concern (COC)	Overland, Fate & Transport C%	Dmass Overland, Fate & Transport	PrePVSC C%	Dmass PrePVSC	PVSC C%	Dmass PVSC	Direct Discharge C%	Dmass Direct Discharge	COC Total Pathway Cmass	COC A%	COC Historic CMass
Copper	100.00%	-	100.00%	-	12.41%	-	100.00%	-	0	1.018817E-2	0
Lead	100.00%	-	100.00%	-	12.41%	38.10	100.00%	-	4.73	1.018817E-2	0.05
Mercury	100.00%	-	100.00%	-	12.41%	76.20	100.00%	-	9.46	1.018817E-2	0.1
HPAHs	100.00%	0.01	100.00%	-	12.41%	19.81	100.00%	-	2.47	1.018817E-2	0.03
LPAHs	100.00%	-	100.00%	-	12.41%	81.27	100.00%	-	10.09	1.018817E-2	0.1
PCBs	100.00%	-	100.00%	-	12.41%	-	100.00%	-	0	1.018817E-2	0
DDx	100.00%	-	100.00%	-	12.41%	-	100.00%	-	0	1.018817E-2	0
Dieldrin	100.00%	-	100.00%	-	12.41%	-	100.00%	-	0	1.018817E-2	0
Dioxins_Furans	100.00%	-	100.00%	-	12.41%	-	100.00%	-	0	1.018817E-2	0

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)

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Allocation Facility COC Base Scores - Protocol Calculation

**Textron Inc. 681 Main Street** 07109 Belleville NJ

Constituent Of Concern (COC)	Relative Risk Number (RRN)	Total Mass (Tmass)	COC Historic CMass	COC Relative Contribution	COC Base Score
Copper	0.69	2,100,000.00	0	0	0
Lead	0.01	3,200,000.00	0.05	1.505E-8	1.505E-10
Mercury	0.95	42,000.00	0.1	2.294E-6	2.179E-6
HPAHs	0.05	240,000.00	0.03	1.048E-7	5.238E-9
LPAHs	0.01	170,000.00	0.1	6.045E-7	6.045E-9
PCBs	12.87	26,000.00	0	0	0
DDx	1.37	27,000.00	0	0	0
Dieldrin	0.13	390.00	0	0	0
Dioxins_Furans	83.92	38.00	0	0	0

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)

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Allocation Facility COC Base Scores - Alternative Calulcation

**681 Main Street Textron Inc.** Belleville NJ 07109

Constituent Of Concern (COC)	Relative Risk Number (RRN)	Total Mass (Tmass)	Total Cmass (TCmass)	Total OS COC ACmass	COC %	COC Historic CMass	Facility OS COC Cmass	COC Relative Responsibility	COC Base Score
Copper	0.69	2,100,000.00	276,960.25	2,097,178.28	0	0	0	0	0
Lead	0.01	3,200,000.00	288,577.67	3,197,059.92	1.639E-5	0.05	52.39	1.639E-5	1.639E-7
Mercury	0.95	42,000.00	4,322.53	41,955.96	2.188E-3	0.1	91.79	2.188E-3	2.078E-3
HPAHs	0.05	240,000.00	4,346,388.50	195,718.24	5.678E-7	0.03	0.11	5.678E-7	2.839E-8
LPAHs	0.01	170,000.00	3,012,835.14	139,304.72	3.348E-6	0.1	0.47	3.348E-6	3.348E-8
PCBs	12.87	26,000.00	20,066.54	25,795.56	0	0	0	0	0
DDx	1.37	27,000.00	2,516.93	26,974.36	0	0	0	0	0
Dieldrin	0.13	390.00	1.27	389.99	0	0	0	0	0
Dioxins_Furans	83.92	38.00	3,729.82	0.00	0	0	0	0	0

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)

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Facility Bypass Information

Textron Inc. 681 Main Street Belleville NJ 07109

Item	Bypass Name	Bypass Type	Time %	Flow %	Bypass Notes
1	Union Outlet	Bypass	12.41%	100.00%	

r	т .	
Discharge Calcs	POTW Discharge Information	COMMENTS/NOTES Astificat Loathor and Plantics Manufacturing
	gal discharged per day/week/month # hours/per day discharged	Artifical Leather and Plastics Manufacturing Discharged to sanitary sewer after 1926 - PVSC
	# hours/per day discharged #days/week discharged	Discharged to sanitary sewer after 1926 - PVSC Estimation based on BASF Corporation - manufacturer of plasticizers
	#weeks/yr discharged	assumed flow volumes to be 50% of BASF
16,777,800	calc gal/yr discharge	PAS-00054098
	Yr Ops started	
	Yr Ops ceased	
6	calc #yrs facility operated	FDR page 1
Common (C.)		
Copper (Cu)	#yrs facility discharged	
	calc mg/L COC discharged	
3.785		
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Lead (Pb)		
	#yrs facility discharged	Based on BASF Corporation
	calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index) calc kg COC discharged	
Mercury (Hg)	Calc kg COC discharged	
6	#yrs facility discharged	Based on BASF Corporation
0.2000	calc mg/L COC discharged	based on basic corporation
3.785		
0.000001	kg per mg (Merck Index)	
76.20	calc kg COC discharged	
HPAHs		
6	#yrs facility discharged	Based on BASF Corporation
400/	calc mg/L O&G	
10%	% O&G that is considered PAHs % COC in O&G considered as PAHs	
	% COC in O&G considered as PAHs calc mg/L HPAHs	
	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index)	
19.81	calc kg COC discharged	
LPAHs		
6	#yrs facility discharged	Based on BASF Corporation
	calc mg/L O&G	
10%	% O&G that is considered PAHs % COC in O&G considered as PAHs	
0.2133	% COC IN O&G considered as PAHS calc mg/L LPAHs	
3.785	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index)	
81.27		
PCBs		
	#yrs facility discharged within PCBs Timeline	
-	calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index)	
DDx	calc kg COC discharged	
	#yrs facility discharged within DDx Timeline	
-	calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
0.000001	kg per mg (Merck Index)	
-	calc kg COC discharged	
Dieldrin		
	#yrs facility discharged within Dieldrin Timeline	
- 2 705	calc mg/L COC discharged	
3.785 0.000001	L per gallon (Merck Index) kg per mg (Merck Index)	
0.00001	calc kg COC discharged	
Dioxins/Furans		
	#yrs facility discharged	
-	calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
0.000001		
Planta (Supra Programs 2.4.P.	calc kg COC discharged	
Dioxin/Furan Precursor - 2,4-D	Histor facility discharged with 1-2 A C Though	
7	#yrs facility discharged within 2,4-D Timeline calc mg/L COC discharged	
	L per gallon (Merck Index)	
0.000001		
	calc kg COC discharged	
Dioxin/Furan Precursor - 2,4,5-T		
	#yrs facility discharged within 2,4,5-T Timeline	
-	calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
0.00001	kg per mg (Merck Index) calc kg COC discharged	
Dioxin/Furan Precursor - 2,4,6-TCP	care ve ene discularized	
	#yrs facility discharged within 2,4,6-TCP Timeline	
-	calc mg/L COC discharged	
3.785	L per gallon (Merck Index)	
	kg per mg (Merck Index)	
-	calc kg COC discharged	
Summary DMassCOC for POTW:		
-	kg Copper	
	kg Lead	
	kg Mercury kg HPAHs	
19.81 81.27		
-	kg PCBs	
-	kg DDx	
-	kg Dieldrin	
-	kg Dioxins/Furans	

Textron DMass formatted for report 1 ARR2860 POTW\_PVSC

COMMENTS/NOTES Discharge Calcs **Direct Discharge Information** ASSUMPTIONS, REFERENCES 4.08 FEET/YEAR AVERAGE PRECIPITATION Long term average annual precipitation includes floods and hurricane events Data from Rutgers University. occurring over time. 15 ACRES - TOTAL SITE AREA (acres) 4 ACRES - AFFECTED AREA Rough estimate of site area with exposed fill determined from review of PAP-Aerial photos 1977 to 2020 show that 00445807. Estimating that 75% of the site had buildings lot has been paved since 1977 (Google Earth Pro and https://njdep.maps.arcgis.com/apps/w ebappviewer/index.html). 4,046.86 METERS<sup>2</sup>/ACRE 15,176 METERS<sup>2</sup> (AFFECTED AREA) 0.0001 METERS/YEAR (ERODED SOIL THICKNESS) For this estimate, used a surface soil erosion rate of 0.1 mm/year, or 0.004 inches/year. 2 METERS<sup>3</sup>/YEAR (ERODED SOIL VOLUME) VOLUME/YEAR DISCHARGED 1956 Year site operations began Textron purchased the assets of Federal Leather Co (which had been operating on site since 1919) excluding any obligations or liabilities (FDR p 1) 1962 Year site processing and storage operations ceased Textron sold the assests to Air Reduction Co (FDR p 1) Cumberland Chemical Co owned from 1962 to 1966. Belleville Industrial Center owned and operated at the site starting 1968. Helion Industries was tenant from 1975 to 2001 (FDR p 1) 6 NUMBER YEARS DISCHARGE <sup>9</sup> METERS<sup>3</sup> (TOTAL SOIL VOLUME DISCHARGED OVER TIME) 1,963 KG/M<sup>3</sup> SOIL DENSITY Surface soil is fill consisting of medium to coarse sand, with medium gravel (PAS-00102979). Density of silty sand and gravel ranges from 1442 to 2483 kg/m<sup>3</sup>, so the average is used. (http://structx.com/Soil\_Properties\_002.html) 17,869 KILOGRAMS (TOTAL SOIL DISCHARGED OVER TIME) Site is located on regional Historic Fill (FDR p 5) Copper (Cu) No info regarding storage or use of copper on site (FDR p 1-2) 6 YEARS DISCHARGED 0 MG/KG (MAX CONCENTRATION) 990 mg/kg Max concentration from Sample 18 (0.5-1 ft bgs) (PAS-00102988, 3002). Set to 0 since less than HF. 0.000001 kg per mg (Merck Index) 0 KILOGRAMS DISCHARGED Lead (Pb) No info regarding storage or use of lead on site (FDR p 1-2) 6 YEARS DISCHARGED 0 MG/KG (AVERAGE CONCENTRATION) 280 mg/kg Max concentration from Sample 18 (0.5-1 ft bgs) (PAS-00103002). Set to 0.000001 kg per mg (Merck Index) 0 KILOGRAMS DISCHARGED No info regarding storage or use of mercury on site (FDR p 1-2) Mercury (Hg) 6 YEARS DISCHARGED 0.0 MG/KG (MAX CONCENTRATION) 0.46 mg/kg Max concentration from Sample 18 (0.5-1 ft bgs) (PAS-00103002). Set to 0 since less than HF. 0.000001 kg per mg (Merck Index) KILOGRAMS DISCHARGED PAHs (listed in Benzo(a)pyrene Total concentration of PAH compounds for Benzo(a)pyrene Equivalent Equivalent conversion table) https://floridadep.gov/waste/petroleum-restoration/documents/benzo-pyreneequivalents-conversion-table-one-sample. Toxic Equivalency Benzo(a)pyrene Concentration (mg/kg) Contaminant Factor Equivalents 6 YEARS DISCHARGED No info regarding storage or use of PAHs on site (FDR p 1-2) PAH value based on sample 11B (PAS-1.0 Benzo(a)pyrene 0.0390 0.039 **0.049** MG/KG (TOTAL PAH AVERAGE CONCENTRATION) 00102995-6) 0.044 0.0044 Benzo(a)anthracene 0.1 0.000001 kg per mg (Merck Index) 0.053 0.1 0.0053 Benzo(b)fluoranthene 0.000 0.01 0.0000 KILOGRAMS DISCHARGED Benzo(k)fluoranthene 0.041 0.001 0.0000 Data below the Benzo(a)pyrene Equivalent Table PAHs (others detected) Chrysene 6 YEARS DISCHARGED Dibenz(a,h)anthracene 0.000 1.0 0.0000 0.088 MG/KG (TOTAL PAH MAX CONCENTRATION) ndeno(1,2,3-cd)pyrene 0.000 0.1 0.0000 0.000001 kg per mg (Merck Index) DE Residential = 0.1 mg/kg; DE Industrial = 0.7 mg/kg 0 KILOGRAMS DISCHARGED Total Benzo(a)pyrene Equivalents = 0.049 PCBs PAH values changed to sample 11B (PAS-00102995-6) 6 YEARS DISCHARGED 0 MG/KG (MAX OF REPORTED CONCENTRATIONS) PCB concentration (0 mg/kg) based on sample 11B, ND at MDL (PAS-00102997) Anthracene Acenaphthene 0.000001 kg per mg (Merck Index) Acenapthylene KILOGRAMS DISCHARGED Fluorene 0 YEARS DISCHARGED within DDx Timeline Naphthalene 0.088 0.941 MG/KG (MAX CONCENTRATION) Sum of DDD, DDE, and DDT results from Sample 18 (PAS-00103002) Phenanthrene 3.785 L per gallon (Merck Index) 1-methylnaphthalene 2-methylnaphthalene 0.000001 kg per mg (Merck Index) 0.088 0 KILOGRAMS DISCHARGED

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Dieldrin
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0 YEARS DISCHARGED within Dieldrin Timeline 0 MG/KG (MAX CONCENTRATION) 3.785 L per gallon (Merck Index) 0.000001 kg per mg (Merck Index)

0 KILOGRAMS DISCHARGED

Dioxins/Furans NONE FOUND IN AVAILABLE DOCUMENTATION

0 YEARS DISCHARGED 0 MG/KG (MAX CONCENTRATION)

0.000001 kg per mg (Merck Index)

0 calc kg COC discharged

# SUMMARY CMASS ESTIMATES:

0.00 kg Copper 0.00 kg Lead

0.00 kg Mercury 0.0009 kg PAHs (Benzo(a)pyrene Equivalent)

0.0016 kg PAHs (Other) 0.00 kg PCBs

0.00 kg DDx 0.00 kg Dieldrin

0.00 kg Dioxins/Furans

0.00 MASS (KG) DISCHARGED FROM SURFACE SOIL

Textron FT Mass- Final.XLSX

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)
Facility Base Scores, Culpability Factor, Cooperation Factor and Adjusted Base Scores

### **Textron Inc.**

681 Main St	treet		Belleville	NJ	07109				
Facility BS	CUF	CUF_Catego	ry		C	UF_NOTES	COF	COF_NOTES	Facility Adjusted BS
2.191E-6	0.0%	Historically Compliant or	th en It 00	ne facility during the 19 mployees who used th was stated that violat	960s. Captain Vicar e substance to wasl ion notices were iss determine if fires an	ent stated that he was aware of a number of fires at also stated that methyl ethyl ketone was dumped by a parts. Spills and fires were also noted in the 1980s. ued to the facility by the Fire Department (PASd spills cited occurred during Texaco period of		-10% CPG member - Participation in PRP Group action to cooperate with governmental/regulatory entities to address environmental or public harm created by own activities	1.972E-6
								AP_ABS	1.972E-6

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)

Facility Base Scores, Culpability Factor, Cooperation Factor and Adjusted Base Scores Allocation Calculation

### **Textron Inc.**

681 Main St	treet		Belleville	NJ	07109				
Facility BS	CUF	CUF_Catego	ry		C	UF_NOTES	COF	COF_NOTES	Facillty Adjusted BS
2.079E-3	0.0%	Historically Compliant or	ti e It 0	he facility during the 1 Imployees who used the Iwas stated that violat	960s. Captain Vicar ne substance to was tion notices were iss determine if fires an	ent stated that he was aware of a number of fires at also stated that methyl ethyl ketone was dumped by a parts. Spills and fires were also noted in the 1980s. ued to the facility by the Fire Department (PASd spills cited occurred during Texaco period of	-10.0%	3 -10% CPG member - Participation in PRP Group action to cooperate with governmental/regulatory entities to address environmental or public harm created by own activities	1.871E-3
								AP_ABS	1.871E-3

#### Allocator's Determinations Regarding Legal Defenses Raised by Allocation Parties

#### **TEXTRON**

Textron states that it received a release from Occidental Chemical Corporation ("Occidental") in the Tierra/Maxus bankruptcy and Occidental is not entitled to recover at least \$165 million dollars in response costs from Textron. Any responsibility for such responses costs must be deducted from any share of the OU-2 response costs attributable to Textron.

ALLOCATOR'S DETERMINATION – Though I have not had the opportunity to review the underlying settlement document and other potentially relevant facts associated with the release provided by OCC, assuming its validity, it is apparent that there is a high likelihood of success in any action against OCC to enforce the release. Given OCC's lack of participation in the allocations process, however, the Allocator does not believe that it is appropriate to account for the amount of any such release in the assignment of allocated shares. Rather, the Allocator notes the existence of the release and recommends that it be taken into account in determining the appropriate amount of any future settlement with EPA.

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Allocation Facility Cmass Calculation

**Tiffany and Company** 820 Highland Avenue NJ 07104 Newark

Constituent Of Concern (COC)	Overland, Fate &	Dmass Overland,	PrePVSC C%	Dmass PrePVSC	PVSC C%	Dmass PVSC	Direct Discharge	Dmass Direct Discharge	COC Total Pathway	COC A%	COC Historic CMass
	Transport C%	Fate & Transport					C%		Cmass		
Copper	100.00%	-	100.00%	1,420.06	8.23%	3,260.87	100.00%	-	1,688.28	1.018817E-2	17.2
Lead	100.00%	-	100.00%	-	8.23%	-	100.00%	-	0	1.018817E-2	0
Mercury	100.00%	-	100.00%	-	8.23%	-	100.00%	-	0	1.018817E-2	0
HPAHs	100.00%	-	100.00%	8,520.34	8.23%	19,565.23	100.00%	-	10,129.7	1.018817E-2	103.2
LPAHs	100.00%	-	100.00%	5,680.23	8.23%	13,043.49	100.00%	-	6,753.13	1.018817E-2	68.8
PCBs	100.00%	-	100.00%	-	8.23%	-	100.00%	-	0	1.018817E-2	0
DDx	100.00%	-	100.00%	-	8.23%	-	100.00%	-	0	1.018817E-2	0
Dieldrin	100.00%	-	100.00%	-	8.23%	-	100.00%	-	0	1.018817E-2	0
Dioxins_Furans	100.00%	-	100.00%	-	8.23%	-	100.00%	-	0	1.018817E-2	0

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)

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Allocation Facility COC Base Scores - Protocol Calculation

#### **Tiffany and Company** 820 Highland Avenue 07104 Newark NJ

Constituent Of Concern (COC)	Relative Risk Number (RRN)	Total Mass (Tmass)	COC Historic CMass	COC Relative Contribution	COC Base Score
Copper	0.69	2,100,000.00	17.2	8.191E-6	5.652E-6
Lead	0.01	3,200,000.00	0	0	0
Mercury	0.95	42,000.00	0	0	0
HPAHs	0.05	240,000.00	103.2	4.300E-4	2.150E-5
LPAHs	0.01	170,000.00	68.8	4.047E-4	4.047E-6
PCBs	12.87	26,000.00	0	0	0
DDx	1.37	27,000.00	0	0	0
Dieldrin	0.13	390.00	0	0	0
Dioxins_Furans	83.92	38.00	0	0	0

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)

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Allocation Facility COC Base Scores - Alternative Calulcation

iffany and Comp	oany				820 Highlan	d Avenue		Newark	NJ	07104	
Constituent Of Concern (COC)	Relative Risk Number (RRN)	Total Mass (Tmass)	Total Cmass (TCmass)	Total OS COC ACmass	COC %	COC Historic CMass	Facility OS COC Cmass	COC Relative Responsibility	COC Base Score		
Copper	0.69	2,100,000.00	276,960.25	2,097,178.28	6.096E-3	17.2	12,783.89	6.096E-3	4.206E-3		
Lead	0.01	3,200,000.00	288,577.67	3,197,059.92	0	0	0	0	0		
Mercury	0.95	42,000.00	4,322.53	41,955.96	0	0	0	0	0		
HPAHs	0.05	240,000.00	4,346,388.50	195,718.24	2.331E-3	103.2	456.14	2.331E-3	1.165E-4		
LPAHs	0.01	170,000.00	3,012,835.14	139,304.72	2.241E-3	68.8	312.25	2.241E-3	2.241E-5		
PCBs	12.87	26,000.00	20,066.54	25,795.56	0	0	0	0	0		
DDx	1.37	27,000.00	2,516.93	26,974.36	0	0	0	0	0		
Dieldrin	0.13	390.00	1.27	389.99	0	0	0	0	0		
Dioxins_Furans	83.92	38.00	3,729.82	0.00	0	0	0	0	0		

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022) se 2:22-cv-07326-MCA-LDW Document 289-18 Filed 01/31/24 Page 25 of 28 PageID: 7702

	Case 2:22-cv-0/326-MCA-LDW	Document 289-18	Filed 01/31/24	Pa
Facility Bypass Information				

Tiffa	ny and Company			820 Highland	Avenue	Newark	NJ	07104
Item	Bypass Name	Bypass Type	Time %	Flow %		Bypass Notes		
1	Verona Ave	CSO	1.27%	21.70%				
2	Verona Ave	Bypass	7.95%	100.00%				

Brokeye Price  Other Street St	5 52	gal discharged per day/week/month	COMMENTS/NOTES
No. Oppose the designed   Section 5   Se	52		
Septiment   Sept	52		Storling Cilver Draducts and Descend Denor Draducts
Septiments for 1 stages and septiments and septimen	52		
1,195.06   June griphy desirable pick (2007) (10,000) (			
1987   Vin the searches			
180   190			
September   Sept			
Segret Gold			
1.00   20		cale #y15 facility operated	orscharges to 1 v.s.c, including overnows from stormwater storage distern
1.00   20	opper (Cu)		
1.925   See galler Merch Medo		#yrs facility discharged	
0,00001   1 pp or mg (Merch Hotes)			No discharge data but reference to copper in small quantities in wastewater discharge to PVSC (1mg/l)
March   Marc			
Line 1993			
19		caic kg COC discharged	
1, 1785   per part (Merch Index)		#vrs facility discharged	
3.785   Les paller (Merch Index)			
Color   Color Scholarged			
Memory (Pg)   B   Pur Entity discharged	0.000001		
176   Per Schrift dicharged	-	calc kg COC discharged	
- else engl. COC descharged  3.785   per gallon Meric Index)  1.00000   type me giberts index)  1.000000   type me giberts index)  1.00000   type me giberts index)  1.000000   type me giberts index)  1.00000   type me giberts index)		thus facility disabayand	
3.785   per gallon (Merck Index) 0.000001   per mit (Merck Index) 1.000001   per mit (Merck Index) 1.0000001   per mit (Merck Index) 1.000001   per mit (Merck Index)			
0.00000   Sp. prim (Merck Index)   - cack typ CO. Gircharged   No. discharged state but 1981 46 permit has limit of 100mg/ oil and greace   190.00   cack mpt, O.B.C.			
### ### ### ### ### ### ### ### ### ##		kg per mg (Merck Index)	
1000   Calm mg/, DGS   Calm		calc kg COC discharged	
100.00   cols mg/L OS6			
10%   S. O. S. Della Trails considered PAPs			No discharge data but 1981-86 permit has limit of 100mg/l oil and grease
60% (Ap Mark considered as MPAHS ) 6 clast ingit (FMHS) 7.75 (1 per pation (Morris Index) 7.75 (1 per pation			
6 Calc mg/L PPAPAS  3.785 (per pation (Merck Index)  2.005020; 18 per mg (Merck Index)  2.005020; 18 per mg (Merck Index)  2.005020; 18 per mg (Merck Index)  3.005020; 18 per mg (Merck Index)  4.005020; 18 per pation (Merck Index)  5.005020; 19 per pation (Merck Index)  6.005020; 19 per pation (Merck Index)  7.005020; 19 per pation (Merck Index)  8.005020; 19 per pat	60%	% PAHs considered as HPAHs	
3.785   per gallont (Merck Index)			
DAYS  BY BY Facility discharged  1000 Cast mg/L Code Scharged  105 K OSG that is considered PAHs  4 Cast mg/L LPAHs  4 Cast mg/L LPAHs  1,0000 Cast mg/L Code Scharged  4 Cast mg/L LPAHs  4 Cast mg/L LPAHs  1,0000 Cast mg/L Code Scharged  4 Cast mg/L LPAHs  4 Cast mg/L LPAHs  1,0000 Cast mg/L Code Scharged  1,0000 Cas	3.785	L per gallon (Merck Index)	
1000	0.000001	kg per mg (Merck Index)	
88   Ny facility discharged   No discharge data but 1981-86 permit has limit of 100mg/l oil and gresse		caic kg COC discharged	
100.00   calc mg/L O&6   100/k   SO&6 that is considered PAHS		thurs facility discharged	No discharge data but 1981-96 permit has limit of 100mg/Loil and grosse
100%   50 OBA that is considered a PAHS			No discharge data but 1961-80 permit has innit or 100mg/r on and grease
4   Agat may   LPAHs			
3.755   Leg gallon (Merck Index)			
December   Strategy			
18,723.72   calc kg COC discharged			
PCBs			
Buys facility discharged within PCBs Timeline		caic kg COC discharged	
Cale mg/L COC discharged   Cale mg/L CoC disch		#vrs facility discharged within PCRs Timeline	
3.785   Lpe gallon (Merck Index)			
Dix	3.785		
DDX   33    Ayrs facility discharged within DDx Timeline	0.000001		
33	<u> </u>	calc kg COC discharged	
Calc mg/L COC discharged		House Couline of the bound of the land DD. The ellips	
3.785   per gallon (Merck Index)			
0.00001   kg per mg (Merck Index)   calc kg COC discharged	3.785		
Dieldrin   37   Myrs facility discharged within Dieldrin Timeline     -			
37 #yrs facility discharged within Dieldrin Timeline		calc kg COC discharged	
- calc mg/L COC discharged  3.785   Lper gallon (Merck Index)  0.000001   Kg perm (Merck Index)  - calc kg COC discharged  Dioxins/Furans  89   #yrs facility discharged  - calc mg/L COC discharged  3.785   Lper gallon (Merck Index)  0.00001   Kg per mg (Merck Index)  - calc kg COC discharged  0.00001   Kg per mg (Merck Index)  - calc kg COC discharged  Dioxin/Furan Precursor - 2,4-D  #yrs facility discharged within 2,4-D Timeline  - calc mg/L COC discharged  0.00001   Kg per mg (Merck Index)  - calc kg COC discharged  1. #yrs facility discharged within 2,4-D Timeline  - calc mg/L COC discharged  Dioxin/Furan Precursor - 2,4,5-T  #yrs facility discharged within 2,4,5-T Timeline  - calc kg COC discharged  3.785   Lper gallon (Merck Index)  - calc kg COC discharged  3.785   Lper gallon (Merck Index)  - calc kg COC discharged  41 #yrs facility discharged within 2,4,5-T Timeline  - calc mg/L COC discharged  3.785   Lper gallon (Merck Index)    Experiment			
3.785 L per gallon (Merck Index)  0.000001 kg per mg (Merck Index) - calc kg COC discharged  Dioxins/Furans  89 #yrs facility discharged - calc mg/L COC discharged  0.00001 kg per mg (Merck Index) - calc kg COC discharged - calc mg/L COC discharged  0.00001 kg per mg (Merck Index) - calc kg COC discharged  1 #yrs facility discharged within 2,4-D Timeline - calc mg/L COC discharged  3.785 L per gallon (Merck Index) - calc kg COC discharged  Dioxin/Furan Precursor - 2,4-D  1 #yrs facility discharged within 2,4-D Timeline - calc mg/L COC discharged  Dioxin/Furan Precursor - 2,4,5-T  41 #yrs facility discharged within 2,4,5-T Timeline - calc mg/L COC discharged  3.785 L per gallon (Merck Index) - calc kg COC discharged  Dioxin/Furan Precursor - 2,4,5-T  41 #yrs facility discharged within 2,4,5-T Timeline - calc mg/L COC discharged  3.785 L per gallon (Merck Index) - calc mg/L COC discharged  0.000001 kg per mg (Merck Index) - calc mg/L COC discharged			
0.000001   kg per mg (Merck Index)			
- calc kg COC discharged    Dioxins/Furans			
Dioxins/Furans   89			
- calc mg/L COC discharged  3.785   L per gallon (Merck Index)   0.000001   kg per mg (Merck Index)			
3.785   L per gallon (Merck Index)			
0.00001   kg per mg (Merck Index)   - calc kg COC discharged   - calc mg/L COC discharged   - calc kg COC discharged   - calc mg/L COC d			
- calc kg COC discharged  Dioxin/Furan Precursor - 2,4-D  41 #yrs facility discharged within 2,4-D Timeline  - calc mg/L COC discharged  3.785 L per gallon (Merck Index)  - calc kg COC discharged  Dioxin/Furan Precursor - 2,4,5-T  41 #yrs facility discharged within 2,4,5-T Timeline  - calc mg/L COC discharged  3.785 L per gallon (Merck Index)  41 #yrs facility discharged within 2,4,5-T Timeline  - calc mg/L COC discharged  3.785 L per gallon (Merck Index)  kg per mg (Merck Index)  4 #yrs facility discharged within 2,4,5-T Timeline			
Dioxin/Furan Precursor - 2,4-D	-		
##rs facility discharged within 2,4-D Timeline   - calc mg/L COC discharged     3.785   L per gallon (Merck Index)     0.00001   kg per mg (Merck Index)     - calc kg COC discharged     ##rs facility discharged within 2,4,5-T Timeline     - calc mg/L COC discharged     3.785   L per gallon (Merck Index)     - calc mg/L COC discharged     -	oxin/Furan Precursor - 2,4-D		
3.785   L per gallon (Merck Index)			
0.000001 kg per mg (Merck Index)   - calc kg COC discharged     #yrs facility discharged within 2,4,5-T Timeline     - calc mg/L COC discharged			
- calc kg COC discharged  Dioxin/Furan Precursor - 2,4,5-T  41 #yrs facility discharged within 2,4,5-T Timeline - calc mg/L COC discharged  3.785 L per gallon (Merck Index)  0.000001 kg per mg (Merck Index)			
Dioxin/Furan Precursor - 2,4,5-T  41 #yrs facility discharged within 2,4,5-T Timeline  - calc mg/L COC discharged  3.785 L per gallon (Merck Index)  0.000001 kg per mg (Merck Index)			
41 #yrs facility discharged within 2,4,5-T Timeline - calc mg/L COC discharged 3.785 L per gallon (Merck Index) 0.000001 kg per mg (Merck Index)			
- calc mg/L COC discharged  3.785 L per gallon (Merck Index)  0.000001 kg per mg (Merck Index)		#yrs facility discharged within 2,4,5-T Timeline	
0.000001 kg per mg (Merck Index)	-	calc mg/L COC discharged	
	3.785	L per gallon (Merck Index)	
- Late kg Coc distrial ged	0.000001		
Dioxin/Furan Precursor - 2,4,6-TCP	ioxin/Euran Precursor - 2.4.6 TCP	care ng COC discridiged	
Dioxiny-uran Precursor - 2,4,5-1CP  26 #yrs facility discharged within 2,4,6-TCP Timeline		#yrs facility discharged within 2.4.6-TCP Timeline	
- calc mg/L COC discharged	=		
3.785 L per gallon (Merck Index)		L per gallon (Merck Index)	
0.000001 kg per mg (Merck Index)			
- calc kg COC discharged	<u> </u>	calc kg COC discharged	
Summary DMassCOC for POTW:	Immary DMassCOC for POTW		
3uninary UwiassCUC for POLIW: 4,680.93 kg Copper 4,680.93 kg Copper		kg Copper	
- kg Lead			
- kg Mercury		kg Mercury	
28,085.58 kg HPAHs			
18,723.72 kg LPAHs			
- kg PCBs - kz DDy			
NG SSA	<u>-</u>	kg Dieldrin	
- kg Dieldrin		kg Dioxins/Furans	

Tiffany & Co DMass formatted for report 1 ARR2870 POTW\_PVSC

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)
Facility Base Scores, Culpability Factor, Cooperation Factor and Adjusted Base Scores

# Tiffany and Company

820 Highlar	nd Ave	nue	Newark	NJ	07104				
Facility BS	CUF	CUF_Catego	ry		Cl	JF_NOTES	COF	COF_NOTES	Facillty Adjusted BS
3.120E-5	0.0%	Historically Compliant or	No Evidence No	o information on viola	ations or sloppy pract	ices was identified in the available file material.		-20% CPG/SPG member - Continuous provision of funding and participation in PRP Group(s) actions to cooperate with governmental/regulatory entities to address environmental or public harm created by own activities	2.496E-5
								AP_ABS	2.496E-5

For Public Disclosure by Consent of the Participating Allocation Parties and EPA (Fall 2022)

Facility Base Scores, Culpability Factor, Cooperation Factor and Adjusted Base Scores Allocation Calculation

# Tiffany and Company

820 Highlar	nd Ave	nue	Newark	NJ	07104								
Facility BS	CUF	CUF_Catego	ry		С	JF_NOTES	COF	COF COF_NOTES Fa					
4.345E-3	0.0%	Historically Compliant or	No Evidence N	No information on vi	olations or sloppy prac	ices was identified in the available file material.		-20% CPG/SPG member - Continuous provision of funding and participation in PRP Group(s) actions to cooperate with governmental/regulatory entities to address environmental or public harm created by own activities	3.476E-3				
								AP_ABS	3.476E-3				